TFM-8000W

USA Model
Canada Model

FM/AM 6-BAND PORTABLE RADIO

SPECIFICATIONS

Circuit: 17-transistor, 11-diode, 6-band, AC/DC superheterodyne

Frequency Ranges:

PSB	147 ~ 174 MHz (2.04 ~ 1.72 m)
FM	87.5 ~ 108 MHz (3.42 ~ 2.78 m)
SW3	10 ~ 22 MHz (30 ~ 13.6 m)
SW2	4 ~ 10 MHz (75 ~ 30 m)
SW1	1.6 ~ 4 MHz (187 ~ 75 m)
MW	530 ~ 1,605 kHz (566 ~ 187 m)

Intermediate Frequencies:

PSB/FM	10.7 MHz
SW/MW	455 kHz

Antennas:

PSB/FM	built-in telescopic antenna
SW/MW	built-in ferrite bar antenna

Sensitivity at 50 mW output:

PSB	1 μV (0 dB), S/N = 6 dB
FM	4 μV (12 dB), S/N = 30 dB
SW3	3.2 μV (10 dB), S/N = 6 dB
SW2	1.6 μV (4 dB), S/N = 6 dB
SW1	1.8 μV (5 dB), S/N = 6 dB
MW	28.2 μV/m (29 dB/m), S/N = 6 dB

Selectivity: 40 dB at ± 10 kHz off-resonance at 1,400 kHz

Power Output: 2 W maximum

Current Drain at No Signal:

PSB/FM	52 mA
SW/MW	50 mA

Speaker: 4" (10 cm) dia PM dynamic, 8 Ω

Power Requirements: 6 V DC, four size "D" batteries or 120 V AC, 60 Hz

Power Consumption: 6 W (AC)

Dimensions: 11 7/16" (W) x 8 4/16" (H) x 4 2/16" (D)
290 mm (W) x 210 mm (H) x 105 mm (D)

Weight: 7 lb 1 oz (3.2 kg) with batteries

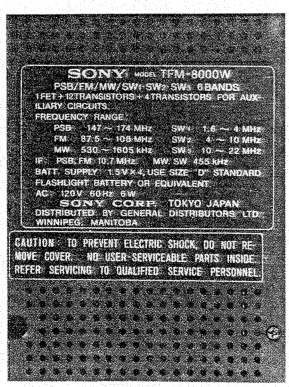
SONY®
SERVICE MANUAL

FM-8000W

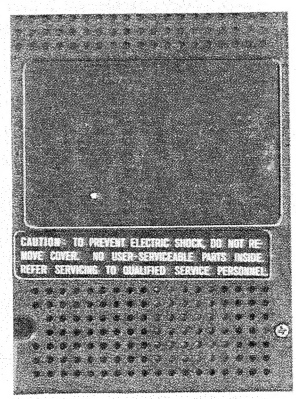
TABLE OF CONTENTS

Model Identification

Canada Model



USA Model



When ordering replacement parts, use PART NUMBERS listed in the Parts List or shown in EXPLODED VIEWS. The Parts List reference numbers should not be used.

Note: *All screws in the set are Phillips type (cross recess type) unless otherwise indicated.*
(–) : slotted head.

SECTION 1
OUTLINE

1-1. BLOCK DIAGRAM

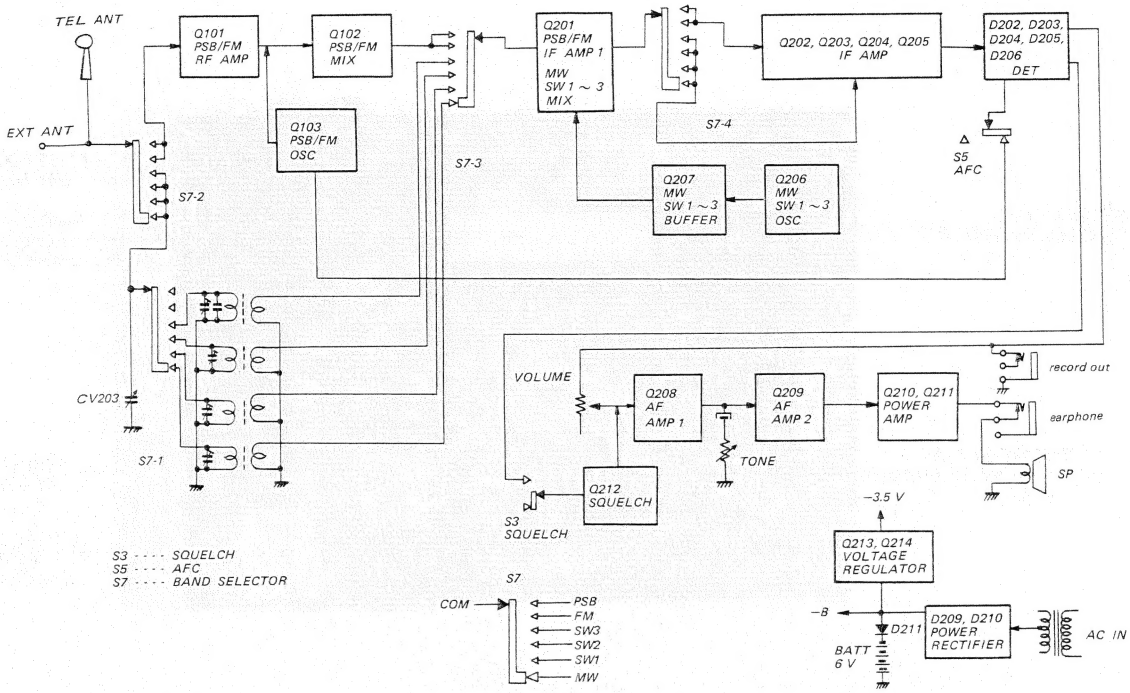


Fig. 1-1

1-2. EXTERNAL VIEW

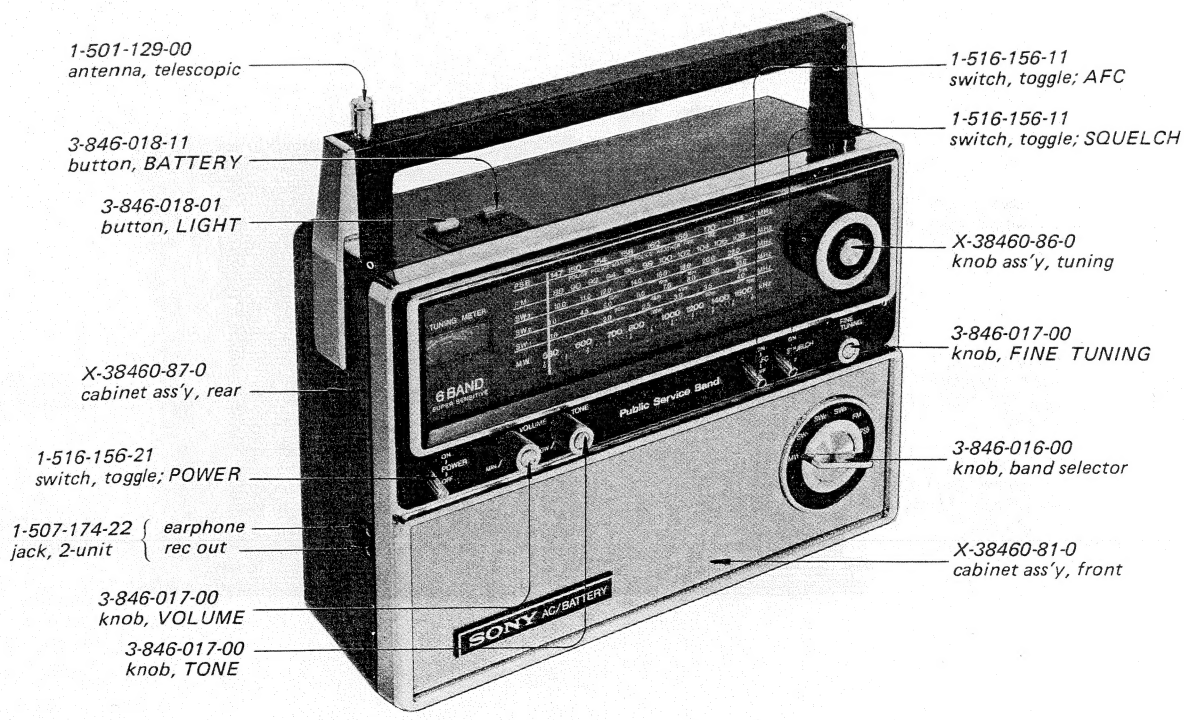


Fig. 1-2

1-3. INTERNAL VIEW (1)

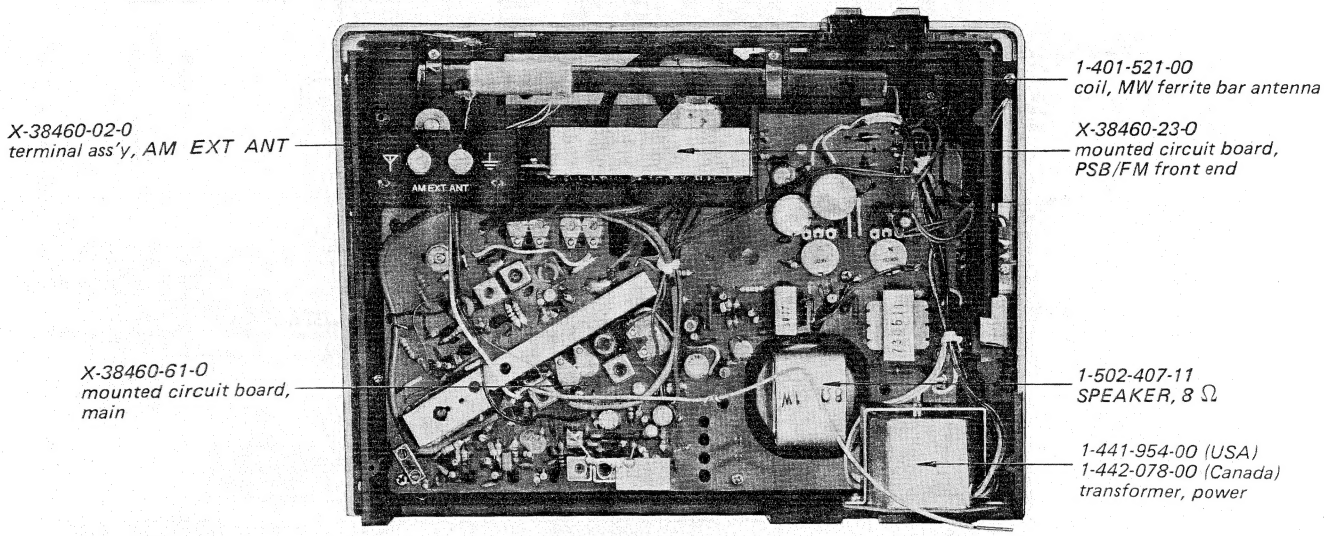


Fig. 1-3

1-4. INTERNAL VIEW (2)

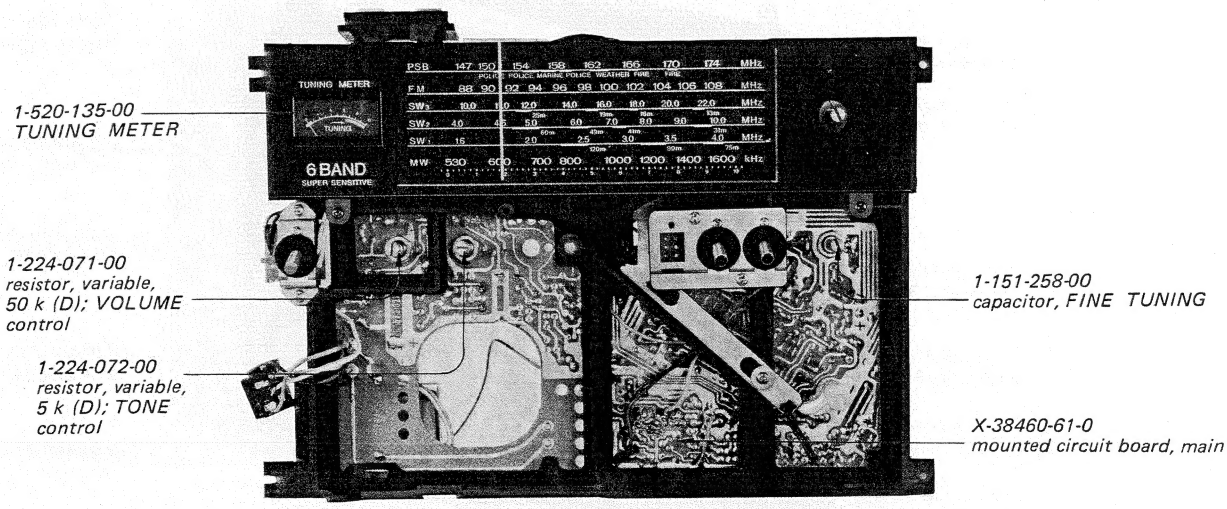


Fig. 1-4

SECTION 2
DISASSEMBLY

2-1. REAR CABINET ASS'Y REMOVAL

Remove the rear cabinet ass'y in the numerical order as shown in Fig. 2-1 and 2-2 below.

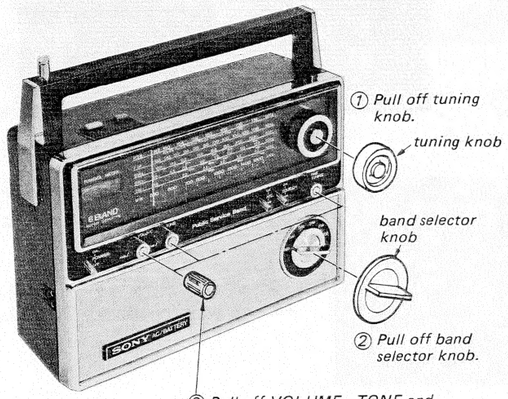


Fig. 2-1

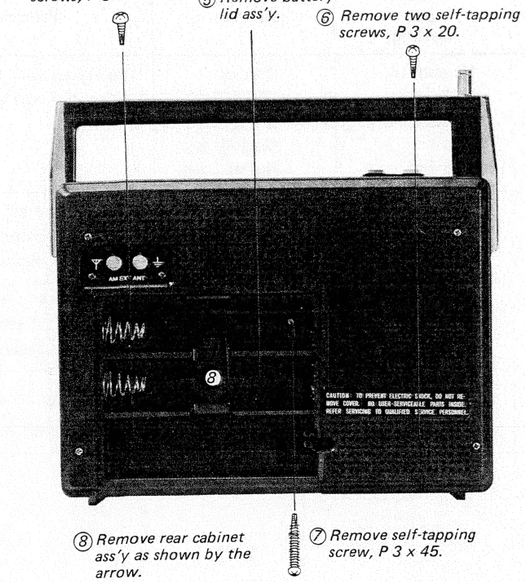


Fig. 2-2

2-2. CHASSIS REMOVAL

Remove the rear cabinet ass'y as shown above and remove the chassis in the numerical order as shown in Fig. 2-3 and 2-4 below.

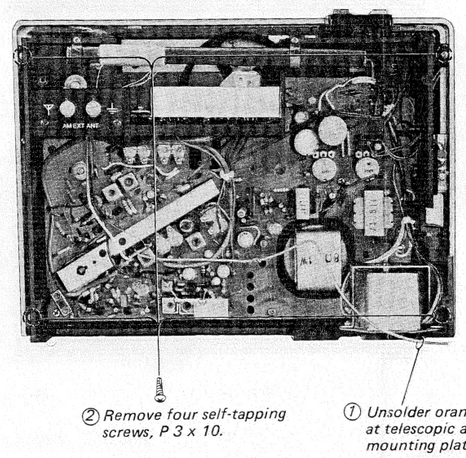


Fig. 2-3

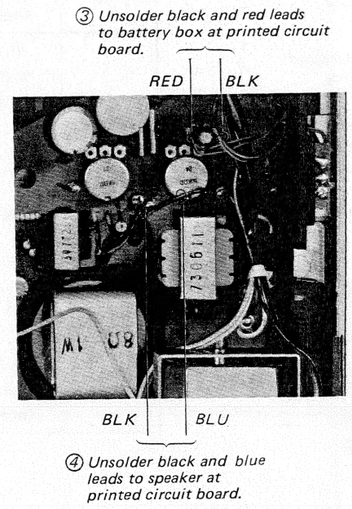


Fig. 2-4

2-3. DIAL CORD STRINGING

1. Make a dial cord assembly as shown in Fig. 2-5 below.

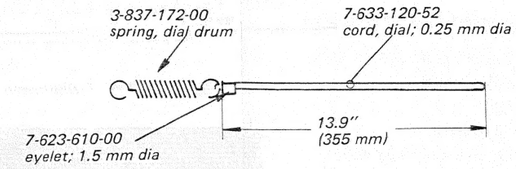


Fig. 2-5

2. String the dial cord in the numerical order as shown in Fig. 2-6 below.

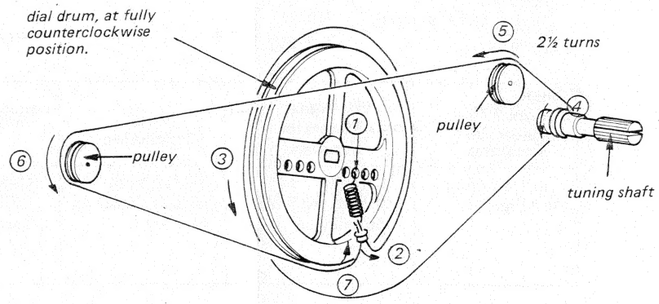


Fig. 2-6

3. Set the dial pointer ass'y so that the dial pointer places on the mark "0" of the logging scale as shown in Fig. 2-7 below, and fix the dial pointer ass'y on the dial cord with a small amount of lock paint as shown in Fig. 2-8 below.

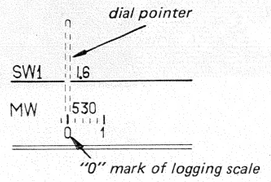


Fig. 2-7.

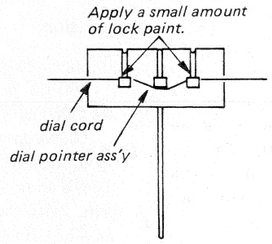


Fig. 2-8

SECTION 3
CIRCUIT ADJUSTMENTS

3-1. AM I-F ALIGNMENT

Applicable for SW1 ~ 3 and MW bands.

Test Equipment/Tools Required

* Rf signal generator (AM)
* Lead antenna
* VOM
* 8 Ω resistor
* Alignment screwdriver

Preparation:

Rf signal generator modulation:
400 Hz, 30 % AM
Rf signal generator output level:
Usable lowest possible
Band Selector: MW
VOLUME control setting: MAX
TONE control setting: HIGH
Test setup: See Fig. 3-1.

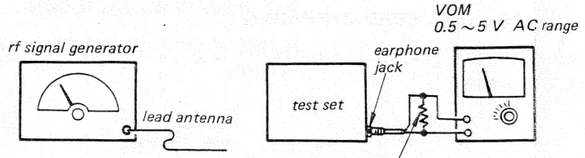


Fig. 3-1. AM i-f alignment setup

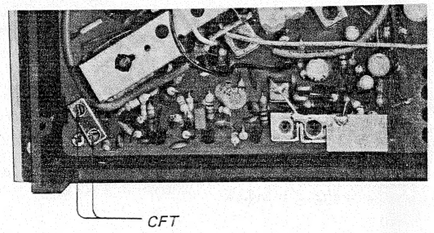


Fig. 3-2. Adjustment locations

Rf Signal Generator Coupling	Rf Signal Generator Frequency	VOM Connection	Adjust	Remarks
Lead antenna See Fig. 3-1.	455 kHz (1 kHz, 30 % AM modulation	To earphone jack as shown in Fig. 3-1	Cores of CFT See Fig. 3-2	Tuning knob setting: at no signal, no noise position. Adjust for maximum meter reading. Repeat the adjustment two or three times.

3-2. FM I-F ALIGNMENT

Applicable for PSB and FM bands.

Test Equipment/Tools Required

* Rf signal generator (FM)
* VOM
* 8 Ω resistor
* Alignment screwdriver
* 0.01 μF ceramic capacitor

Preparation:

Rf signal generator modulation:
400 Hz, ± 22.5 kHz FM
Rf signal generator output level:
Usable lowest possible
VOLUME control setting: MAX
TONE control setting: HIGH
AFC switch setting: OFF
SQUELCH switch setting: OFF
Test setup:
See Fig. 3-2, Fig. 3-3, Fig. 3-4 and Fig. 3-5.

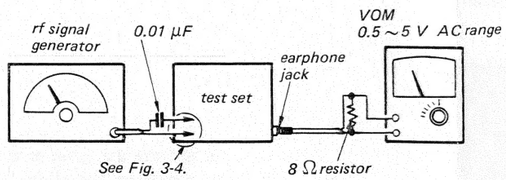


Fig. 3-3. FM i-f alignment setup

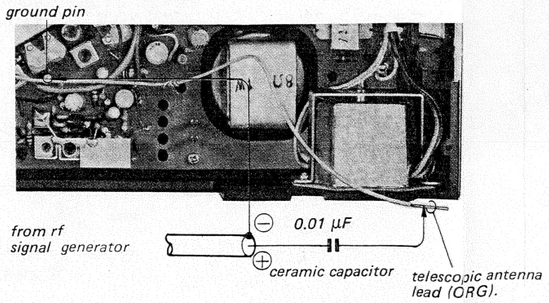


Fig. 3-4. Rf signal generator coupling for FM i-f alignment and PSB/FM/SW 1 ~ 3 frequency coverage and tracking adjustment

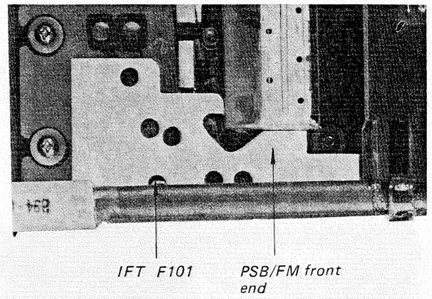


Fig. 3-5. Adjustment location

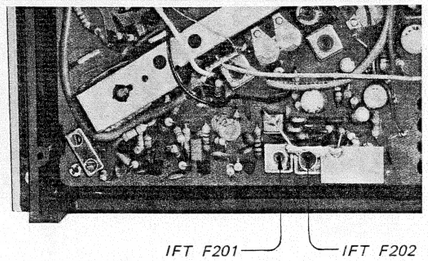


Fig. 3-6. Adjustment locations

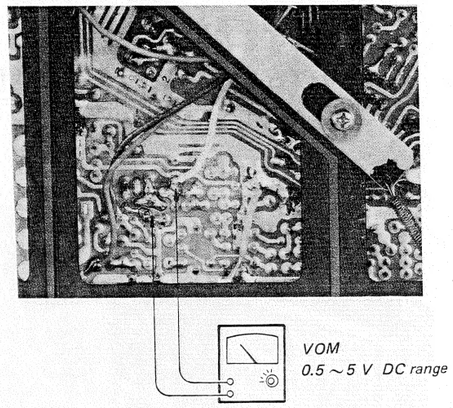


Fig. 3-7. VOM connection for FM i-f alignment step 4

Step	Rf Signal Generator Frequency	Receiver Dial Setting	Adjust	Procedure
1	10.7 MHz with FM modulation	No station, no beating position	Core of IFT F101 IFT F201 See Fig. 3-5 and Fig. 3-6.	Test setup: See Fig. 3-3 and Fig. 3-4. Adjust for maximum meter reading.
2	– ditto –	– ditto –	Rf signal generator frequency	Carefully adjust rf signal generator frequency around 10.7 MHz for maximum meter reading.
3				Repeat steps 1 and 2 two or three times with rf signal generator frequency obtained in step 2.
4	No input signal (noise only)	– ditto –	Core of IFT F202 See Fig. 3-6	Test setup: See Fig. 3-7. Adjust for "0 V DC" meter reading.

3-3. FREQUENCY COVERAGE AND TRACKING ADJUSTMENT

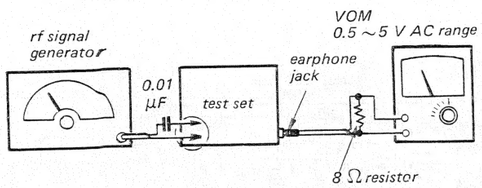


Fig. 3-8. PSB/FM/SW1 ~ SW3 frequency coverage and tracking adjustment setup.

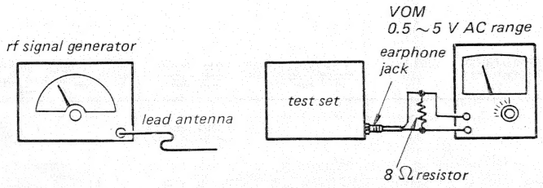


Fig. 3-9. MW frequency coverage and tracking adjustment setup.

Adjustment	Rf Signal Generator Coupling	Rf Signal Generator Frequency	Receiver Dial Setting	Adjust	Remarks
PSB Frequency Coverage	Direct connection See Fig. 3-4. and Fig. 3-8.	145 MHz	Minimum frequency	Core of PSB osc coil L107	Rf signal generator modulation: 400 Hz, ± 22.5 kHz FM Rf signal generator output level: Usable lowest possible. VOM connection: See Fig. 3-8. Band selector: PSB VOLUME control setting: MAX FINE TUNING control setting: Mechanical mid position Adjust for maximum meter reading, ending with CT105 and CT104. Repeat adjustment two or three times. Fix L107 and L105 with wax.
		176 MHz	Maximum frequency	PSB osc trimmer CT105	
PSB Tracking		145 MHz	Minimum frequency	Core of PSB rf coil L105	
		176 MHz	Maximum frequency	PSB rf trimmer CT104 and PSB ant trimmer CT102	
FM Frequency Coverage	Direct connection See Fig. 3-4. and Fig. 3-8.	86.5 MHz	Minimum frequency	Core of FM osc coil L108	Rf signal generator modulation: 400 Hz, ± 22.5 kHz FM Rf signal generator output level: Usable lowest possible. VOM connection: See Fig. 3-8. Band selector: FM VOLUME control setting: MAX FINE TUNING control setting: Mechanical mid position. Adjust for maximum meter reading Repeat adjustment two or three times ending with CT106 and CT103. Fix L108 and L104 with wax.
		109.5 MHz	Maximum frequency	FM osc trimmer CT106	
FM Tracking		86.5 MHz	Minimum frequency	Core of FM rf coil L104	
		109.5 MHz	Maximum frequency	FM rf trimmer CT103 and FM ant trimmer CT101	
MW Frequency Coverage	Lead antenna See Fig. 3-9.	520 kHz	Minimum frequency	Core of MW osc coil L211	Rf signal generator modulation: 400 Hz, 30 % AM Rf signal generator output level: Usable lowest possible. VOM connection: See Fig. 3-9. Band selector: MW VOLUME control setting: MAX Adjust for maximum meter reading. Repeat adjustment two or three times ending with CT204 and CT208. Fix L211 and L207 with wax.
		1,700 kHz	Maximum frequency	MW osc trimmer CT204	
MW Tracking		620 kHz	Tune in 620 kHz signal	Position of MW ant coil L207	
		1,400 kHz	Tune in 1,400 kHz signal	MW ant trimmer CT208	

Adjustment	Rf Signal Generator Coupling	Rf Signal Generator Frequency	Receiver Dial Setting	Adjust	Remarks
SW1 Frequency Coverage	Direct connection See Fig. 3-4. and Fig. 3-8.	1.55 MHz	Minimum frequency	Core of SW1 osc coil L210	Rf signal generator modulation: 400 Hz, 30 % AM Rf signal generator output level: Usable lowest possible. VOM connection: See Fig. 3-8. Band selector: SW1 VOLUME control setting: MAX FINE TUNING control setting: Mechanical mid position Adjust for maximum meter reading. Repeat adjustment two or three times ending with CT203 and CT207. Fix L210 and L206 with wax.
		4.1 MHz	Maximum frequency	SW1 osc trimmer CT203	
SW1 Tracking		1.55 MHz	Minimum frequency	Core of SW1 ant coil L206	
		4.1 MHz	Maximum frequency	SW1 ant trimmer CT207	
SW2 Frequency Coverage	Direct connection See Fig. 3-4. and Fig. 3-8.	3.9 MHz	Minimum frequency	Core of SW2 osc coil L209	Rf signal generator modulation: 400 Hz, 30 % AM Rf signal generator output level: Usable lowest possible. VOM connection: See Fig. 3-8. Band selector: SW2 VOLUME control setting: MAX FINE TUNING control setting: Mechanical mid position Adjust for maximum meter reading Repeat adjustment two or three times ending with CT202 and CT206. Fix L209 and L205 with wax.
		10.3 MHz	Maximum frequency	SW2 osc trimmer CT202	
SW2 Tracking		3.9 MHz	Minimum frequency	Core of SW2 ant coil L205	
		10.3 MHz	Maximum frequency	SW2 ant trimmer CT206	
SW3 Frequency Coverage	Direct connection See Fig. 3-4. and Fig. 3-8.	9.5 MHz	Minimum frequency	Core of SW3 osc coil L208	Rf signal generator modulation: 400 Hz, 30 % AM Rf signal generator output level: Usable lowest possible. VOM connection: See Fig. 3-8. Band selector: SW3 VOLUME control setting: MAX FINE TUNING control setting: Mechanical mid position Adjust for maximum meter reading Repeat adjustment two or three times ending with CT201 and CT205. Fix L208 and L204 with wax.
		23 MHz	Maximum frequency	SW3 osc trimmer CT201	
SW3 Tracking		9.5 MHz	Minimum frequency	Core of SW3 ant coil L204	
		23 MHz	Maximum frequency	SW3 ant trimmer CT205	

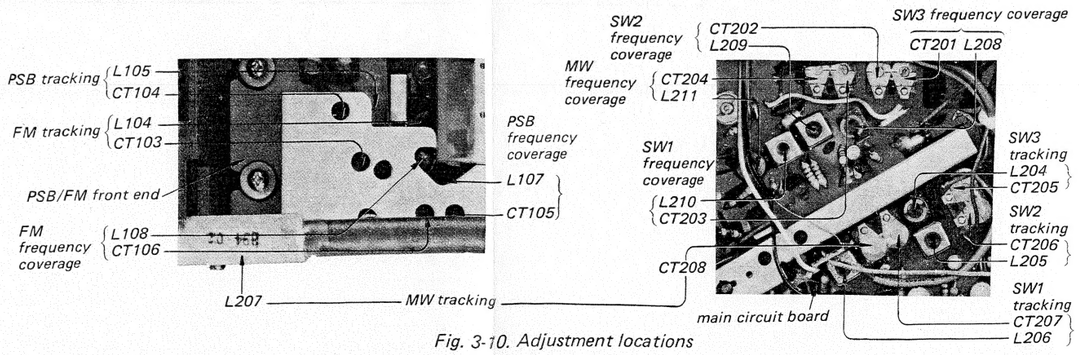


Fig. 3-10. Adjustment locations

SECTION 4

SCHEMATIC AND MOUNTING DIAGRAMS

4-1. SCHEMATIC DIAGRAM

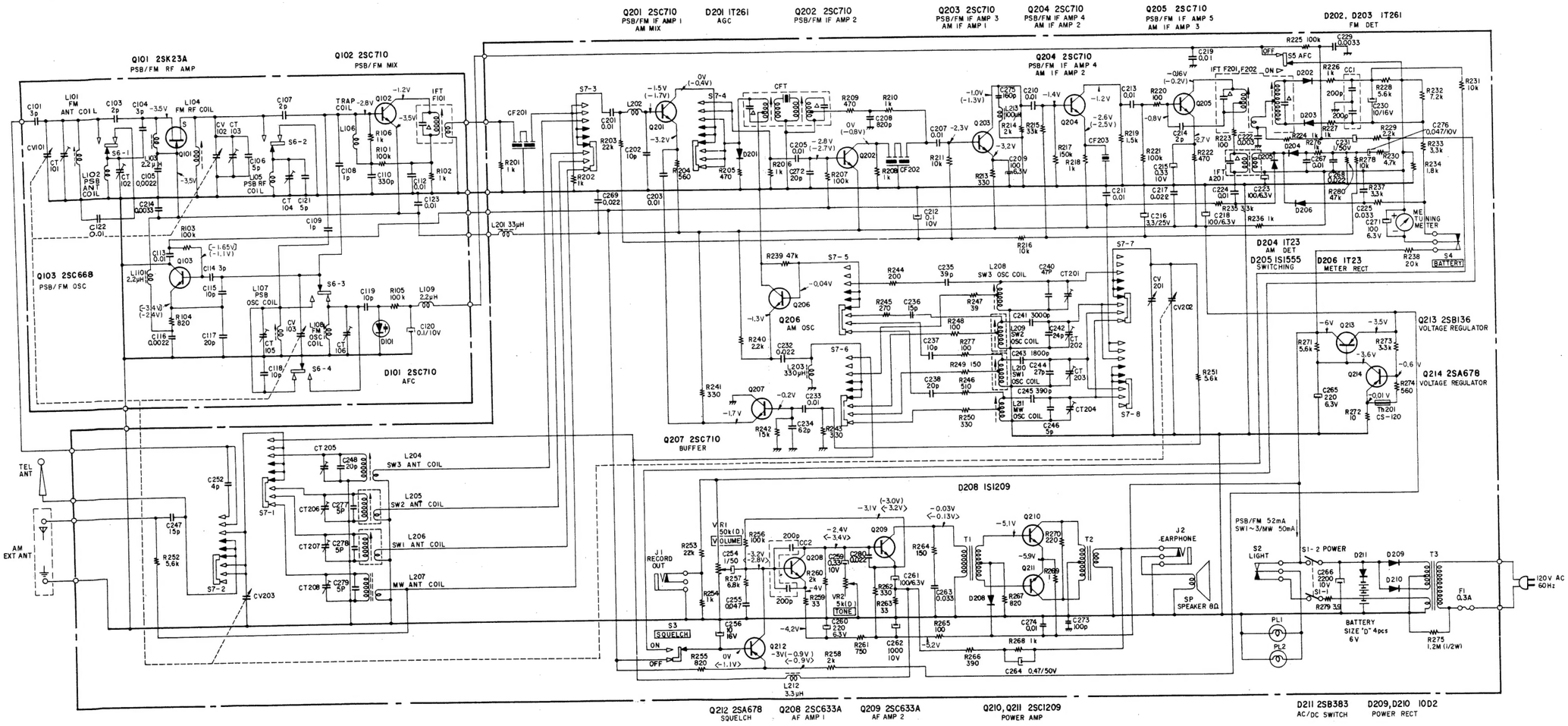


Fig. 4-1.

Note: 1. All capacitance values are in μF and all resistance values are in Ω unless otherwise noted.

2. All voltages are measured with reference to battery positive terminal with a VOM (20 kΩ/V DC) with no signal received. The values in ( ) are measured with band selector set to FM, in [ ] set to PSB, < > with SQUELCH control set to ON position, others are common.

   Variations may be noted due to normal production tolerances.

3. All currents measured with a VOM with no signal received.

4. Capacitors marked with △ are built in i-f transformers, and ceramic filter transformer.

4-2. MOUNTING DIAGRAM (1) – Main Circuit Board –

– Conductor Side –

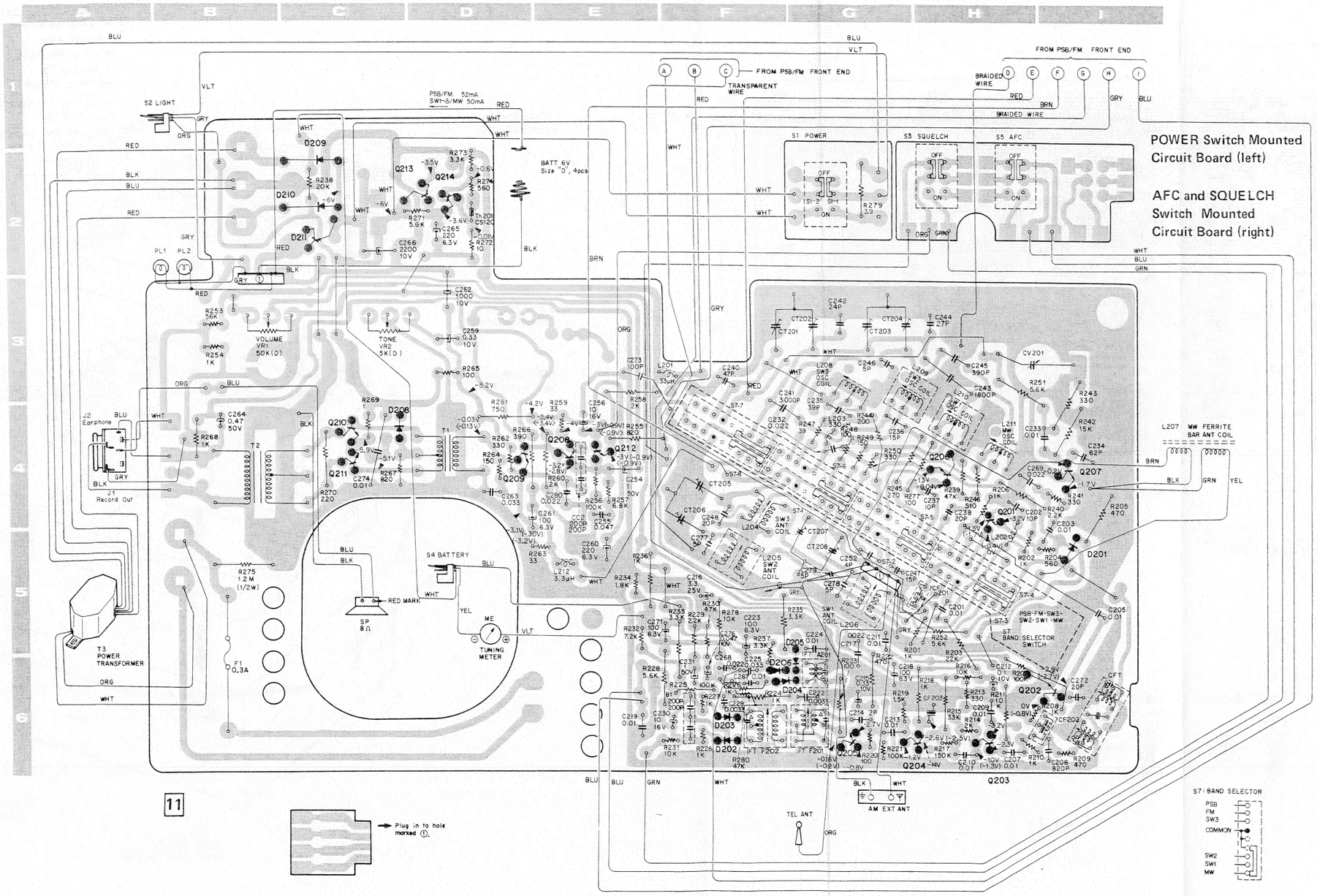
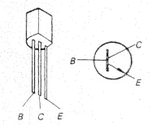


Fig. 4-2.

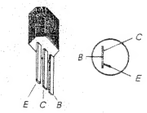
Transistor Location

Q201: 4H	Q208: 4E
Q202: 6I	Q209: 4D
Q203: 6H	Q210: 4C
Q204: 6H	Q211: 4C
Q205: 6G	Q212: 4E
Q206: 4H	Q213: 2D
Q207: 4I	Q214: 2D

Q201 ~ Q207 : 2SC710



Q214 : 2SA678



Q208, Q209 : 2SC633A

D201 ~ D203 : 1T261
D204, D206 : 1T23
D205 : 1S1555

Q210, Q211 : 2SC1209

D208 : 1S1209

Q212 : 2SC678

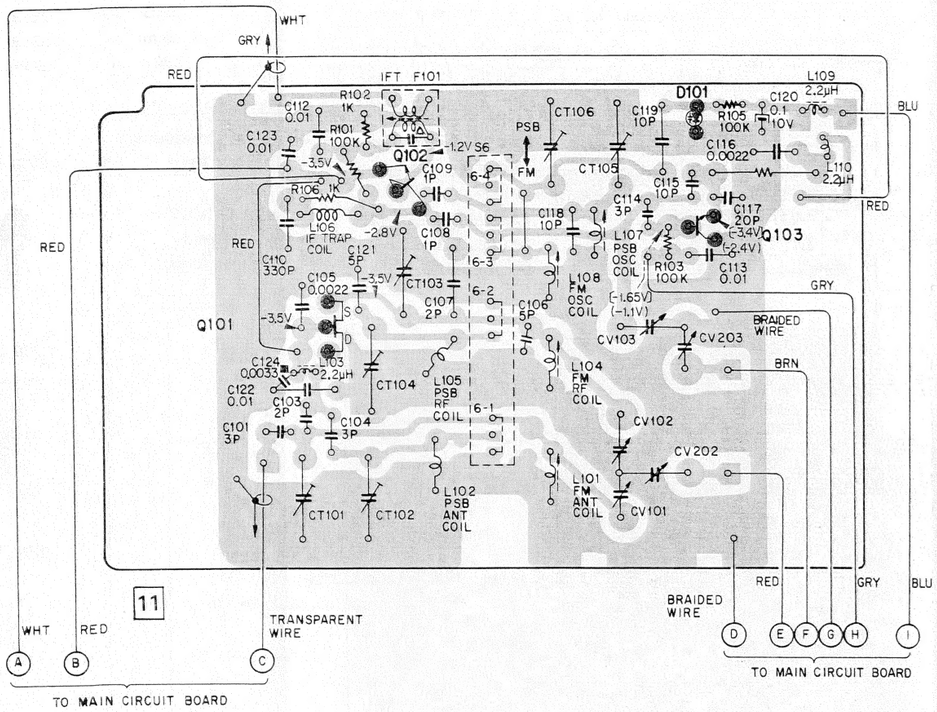
D209, D210 : 10D2

Q213 : 2SB136

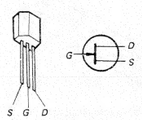
D211 : 2SB383

4-3. MOUNTING DIAGRAM (2) – PSB/FM Front End –

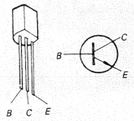
– Conductor Side –



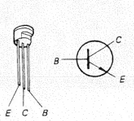
Q101 : 2SK23A



Q102 : 2SC710



Q103 : 2SC668



D101 : 2SC710

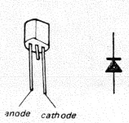


Fig. 4-3.

SECTION 5
PACKING AND EXPLODED VIEWS

5-1. PACKING

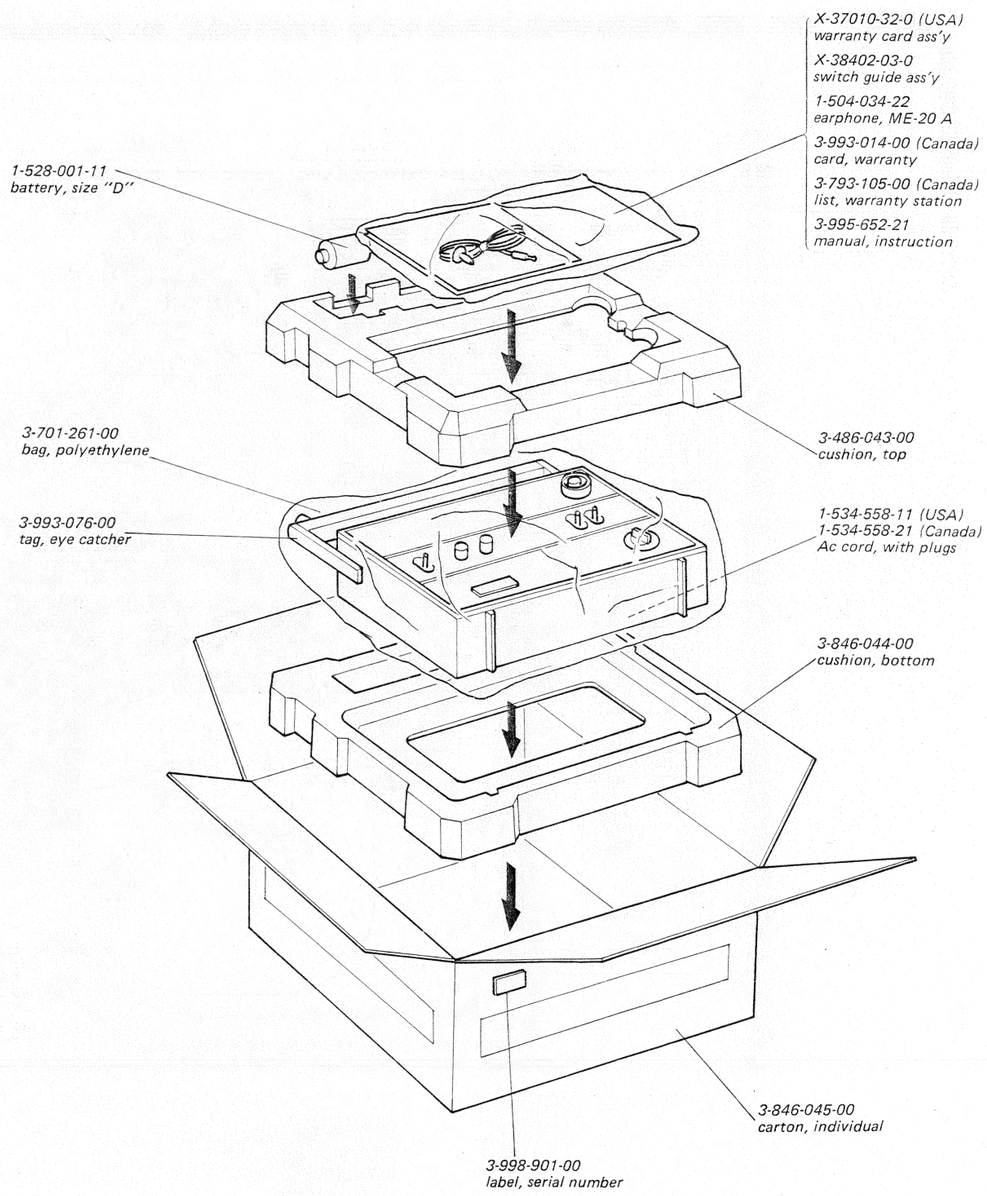


Fig. 5-1.

5-2. EXPLODED VIEW (1)

Parts without part numbers and names are not available.

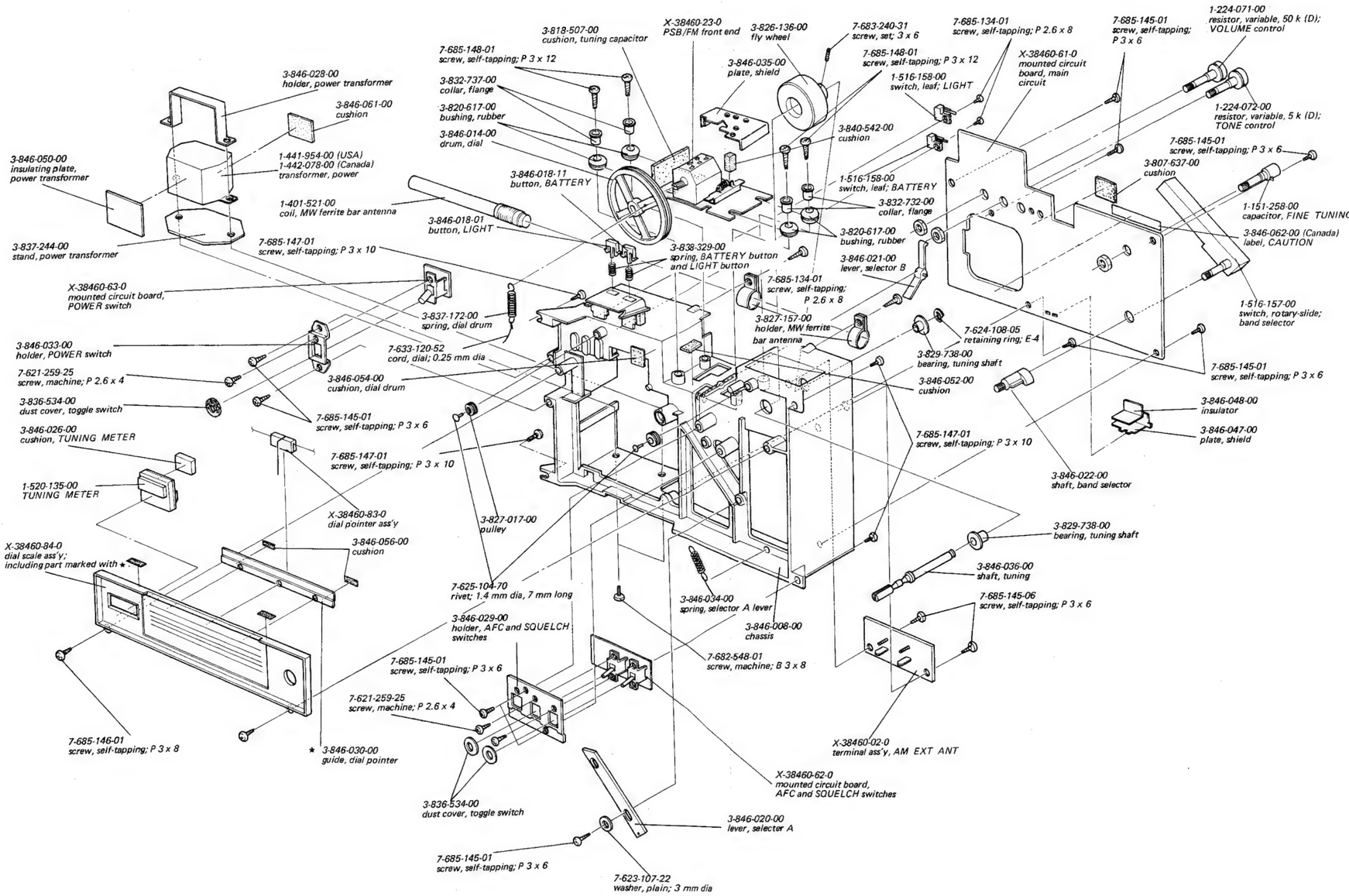


Fig. 5-2.

5-3. EXPLODED VIEW (2)

Parts without part numbers and names are not available.

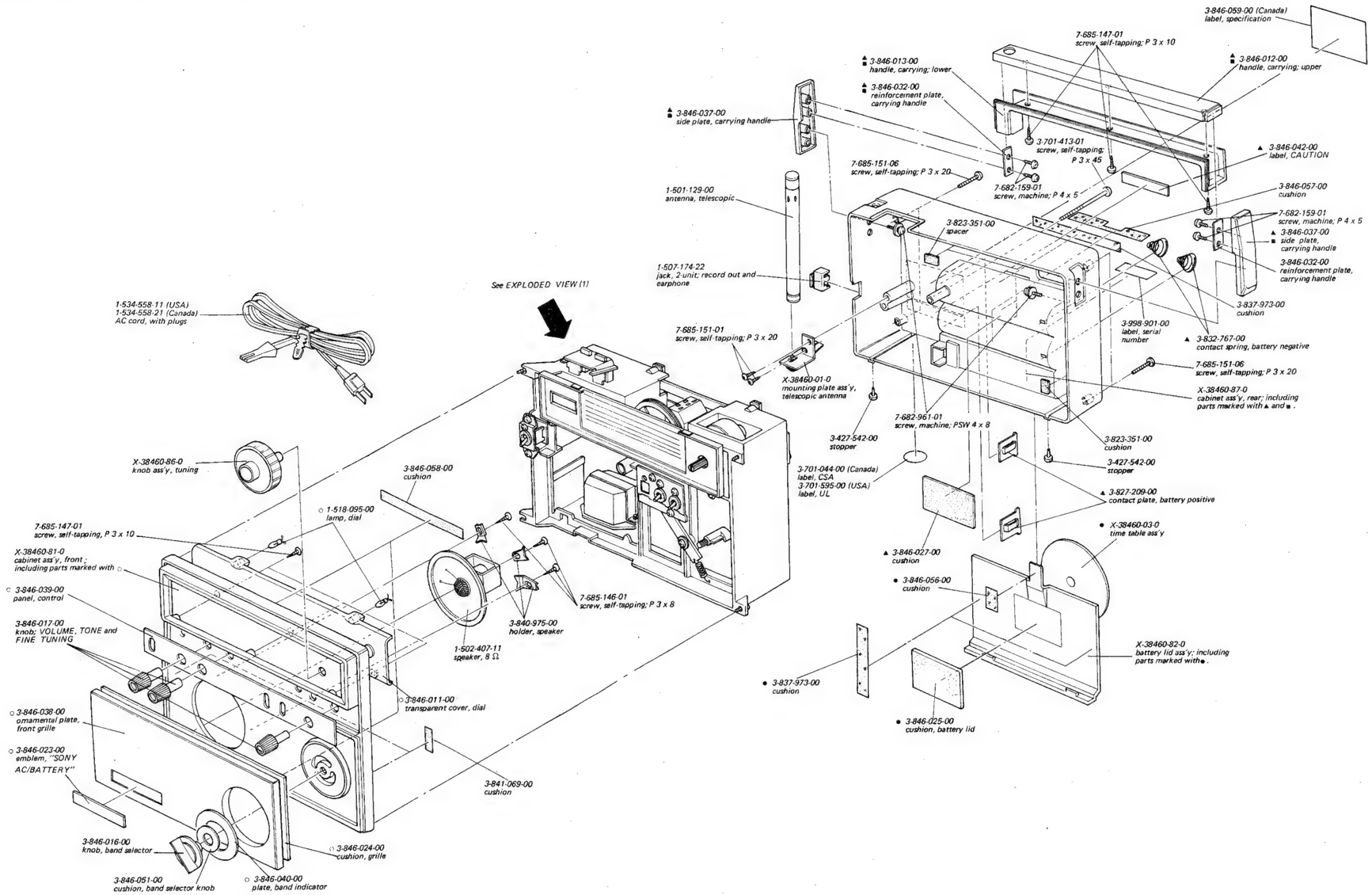


Fig. 5-3.

Note: Parts marked with ■ are included in carrying handle ass'y, Part No. X-38460-85-0.

SECTION 6
ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	MOUNTED CIRCUIT BOARDS	
	X-38460-23-0	mounted circuit board, PSB/FM front end
	X-38460-61-0	mounted circuit board, main circuit
	X-38460-62-0	mounted circuit board, SQUELCH and AFC switches
	X-38460-63-0	mounted circuit board, POWER switch
	SEMICONDUCTORS	
Q101		transistor 2SK23A
Q102		transistor 2SC710
Q103		transistor 2SC668
Q201		transistor 2SC710
Q202		transistor 2SC710
Q203		transistor 2SC710
Q204		transistor 2SC710
Q205		transistor 2SC710
Q206		transistor 2SC710
Q207		transistor 2SC710
Q208		transistor 2SC633A
Q209		transistor 2SC633A
Q210		transistor 2SC1209
Q211		transistor 2SC1209
Q212		transistor 2SC678
Q213		transistor 2SB136
Q214		transistor 2SA678
D101		diode 2SC710
D201		diode 1T261
D202		diode 1T261
D203		diode 1T261
D204		diode 1T23
D205		diode 1S1555
D206		diode 1T23
D207		----------
D208		diode 1S1209
D209		diode 10D2
D210		diode 10D2
D211		diode 2SB383
Th201	1-800-192-11	thermistor CS-120
	COILS AND TRANSFORMERS	
L101	1-401-522-00	coil, FM ant
L102	1-420-813-00	coil, PSB ant
L103	1-407-182-11	2.2 μH, micro inductor
L104	1-401-522-00	coil, FM rf
L105	1-420-813-00	coil, PSB rf
L106	1-401-454-00	coil, i-f trap
L107	1-405-563-00	coil, PSB osc
L108	1-405-562-00	coil, FM osc
L109	1-407-182-11	2.2 μH, micro inductor
L110	1-407-182-11	2.2 μH, micro inductor
L201	1-407-163-11	33 μH, micro inductor
L202	1-401-201-00	coil, low pass filter
L203	1-407-175-11	330 μH, micro inductor
L204	1-401-524-00	coil, SW3 ant
L205	1-401-523-00	coil, SW2 ant
L206	1-401-525-00	coil, SW1 ant
L207	1-401-521-00	coil, MW ferrite bar antenna
L208	1-405-561-00	coil, SW3 osc
L209	1-405-560-00	coil, SW2 osc
L210	1-405-559-00	coil, SW1 osc
L211	1-405-558-00	coil, MW osc
L212	1-407-184-11	3.3 μH, micro inductor
L213	1-407-169-11	100 μH, micro inductor
CFT	1-403-165-15	ceramic filter transformer, AM i-f
CF201	1-527-184-00	ceramic filter, FM i-f
CF202	1-527-184-00	ceramic filter, FM i-f
CF203	1-403-154-00	ceramic filter
IFT A201	1-403-137-00	transformer, MW i-f
IFT F101	1-403-242-31	transformer, FM i-f
IFT F201	1-403-287-11	transformer, FM discriminator
IFT F202	1-403-287-21	transformer, FM discriminator
T1	1-423-077-00	transformer, driver
T2	1-427-306-00	transformer, output
T3	1-441-954-00	transformer, power (USA)
	1-442-078-00	transformer, power (Canada)
	CAPACITORS	
	All fixed capacitors are ceramic type expressed in μF except as specified with p, which means μμF.	
C101	1-102-940-11	3 p
C102		----------
C103	1-102-939-11	2 p
C104	1-102-940-11	3 p
C105	1-102-100-11	0.0022
C106	1-102-942-11	5 p
C107	1-102-939-11	2 p
C108	1-102-938-11	1 p
C109	1-102-938-11	1 p
C110	1-102-832-11	330 p
C111		----------
C112	1-101-923-11	0.01
C113	1-101-923-11	0.01
C114	1-102-743-11	3 p
C115	1-101-999-11	10 p

Ref. No.	Part No.	Description		
C116	1-102-100-11	0.0022		
C117	1-102-801-11	20 p		
C118	1-102-947-11	10 p		
C119	1-101-999-11	10 p		
C120	1-127-019-11	0.1	10 V	solid aluminum
C121	1-102-942-11	5 p		
C122	1-101-923-11	0.01		
C123	1-101-923-11	0.01		
C124	1-102-101-11	0.0033		
C201	1-101-923-11	0.01		
C202	1-102-947-11	10 p		
C203	1-101-118-11	0.01		
C204		----------		
C205	1-101-923-11	0.01		
C206		----------		
C207	1-101-923-11	0.01		
C208	1-102-117-11	820 p		
C209	1-121-413-11	100	6.3 V	electrolytic
C210	1-101-923-11	0.01		
C211	1-101-923-11	0.01		
C212	1-127-019-11	0.1	10 V	solid aluminum
C213	1-101-923-11	0.01		
C214	1-102-935-11	2 p		
C215	1-127-021-11	0.33	10 V	solid aluminum
C216	1-121-392-11	3.3	25 V	electrolytic
C217	1-101-924-11	0.022		
C218	1-121-413-11	100	6.3 V	electrolytic
C219	1-101-923-11	0.01		
C220		----------		
C221		----------		
C222	1-105-827-12	0.0033		mylar
C223	1-121-413-11	100	6.3 V	electrolytic
C224	1-105-833-12	0.01		mylar
C225	1-105-839-12	0.033		mylar
C226		----------		
C227		----------		
C228		----------		
C229	1-105-827-12	0.0033		mylar
C230	1-121-651-11	10	16 V	electrolytic
C231	1-121-391-11	1	50 V	electrolytic
C232	1-105-837-12	0.022		mylar
C233	1-101-923-11	0.01		
C234	1-101-886-11	62 p		
C235	1-102-965-11	39 p		
C236	1-102-951-11	15 p		
C237	1-102-947-11	10 p		
C238	1-102-958-11	20 p		
C239		----------		
C240	1-102-728-11	47 p		
C241	1-103-636-11	3,000 p		polystyrene
C242	1-102-802-11	24 p		
C243	1-103-631-11	1,800 p		polystyrene
C244	1-102-803-11	27 p		

Ref. No.	Part No.	Description		
C245	1-107-232-11	390 p		silvered mica
C246	1-101-997-11	5 p		
C247	1-102-951-11	15 p		
C248	1-102-958-11	20 p		
C249		----------		
C250		----------		
C251		----------		
C252	1-102-941-11	4 p		
C253		----------		
C254	1-121-391-11	1	50 V	electrolytic
C255	1-105-841-12	0.047		mylar
C256	1-121-651-11	10	16 V	electrolytic
C257		----------		
C258		----------		
C259	1-127-021-11	0.33	10 V	solid aluminum
C260	1-121-419-11	220	6.3 V	electrolytic
C261	1-121-413-11	100	6.3 V	electrolytic
C262	1-121-736-11	1,000	10 V	electrolytic
C263	1-105-839-12	0.033		mylar
C264	1-121-726-11	0.47	50 V	electrolytic
C265	1-121-419-11	220	6.3 V	electrolytic
C266	1-121-659-11	2,200	10 V	electrolytic
C267	1-105-833-12	0.01		mylar
C268	1-105-837-12	0.022		mylar
C269	1-101-924-11	0.022		
C270		----------		
C271	1-121-413-11	100	6.3 V	electrolytic
C272	1-102-801-11	20 p		
C273	1-102-975-11	100 p		
C274	1-101-923-11	0.01		
C275	1-107-136-11	160 p		silvered mica
C276	1-127-018-11	0.047	10 V	solid aluminum
C277	1-102-942-11	5 p		
C278	1-102-942-11	5 p		
C279	1-102-942-11	5 p		
C280	1-105-873-11	0.022	mylar	
CC1	1-102-255-11	encapsulated component (200 p + 200 p)		
CC2	1-102-255-11	encapsulated component (200 p + 200 p)		
CT101	1-141-097-21	capacitor, trimmer		
CT102	1-141-097-21	capacitor, trimmer		
CT103	1-141-097-21	capacitor, trimmer		
CT104	1-141-097-21	capacitor, trimmer		
CT105	1-141-097-21	capacitor, trimmer		
CT106	1-141-097-21	capacitor, trimmer		
CT201-CT202	1-141-011-21	capacitor, trimmer; 2-unit		
CT203-CT204	1-141-011-21	capacitor, trimmer; 2-unit		
CT205-CT206	1-141-011-21	capacitor, trimmer; 2-unit		
CT207-CT208	1-141-011-21	capacitor, trimmer; 2-unit		

Ref. No.	Part No.	Description
CV101-CV103, CV202-CV203	1-151-257-00	capacitor, tuning
CV201	1-151-258-00	capacitor, FINE TUNING

RESISTORS

All fixed resistors are in Ω, ± 5 %, ¼W carbon film type unless otherwise specified.

R101	1-242-721-11	100 k
R102	1-242-673-11	1 k
R103	1-242-721-11	100 k
R104	1-244-671-11	820
R105	1-242-721-11	100 k
R106	1-244-673-11	1 k
R201	1-242-673-11	1 k
R202	1-242-673-11	1 k
R203	1-244-705-11	22 k
R204	1-242-667-11	560
R205	1-244-665-11	470
R206	1-242-673-11	1 k
R207	1-244-721-11	100 k
R208	1-242-673-11	1 k
R209	1-242-665-11	470
R210	1-242-673-11	1 k
R211	1-244-697-11	10 k
R212		----------
R213	1-242-661-11	330
R214	1-242-680-11	2 k
R215	1-244-709-11	33 k
R216	1-242-697-11	10 k
R217	1-242-725-11	150 k
R218	1-244-673-11	1 k
R219	1-242-677-11	1.5 k
R220	1-242-649-11	100
R221	1-242-721-11	100 k
R222	1-244-665-11	470
R223	1-242-649-11	100
R224	1-244-673-11	1 k
R225	1-242-721-11	100 k
R226	1-242-673-11	1 k
R227	1-242-673-11	1 k
R228	1-244-691-11	5.6 k
R229	1-242-681-11	2.2 k
R230	1-244-689-11	4.7 k
R231	1-242-697-11	10 k
R232	1-242-694-11	7.5 k
R233	1-244-685-11	3.3 k
R234	1-242-679-11	1.8 k
R235	1-242-685-11	3.3 k
R236	1-242-673-11	1 k
R237	1-242-685-11	3.3 k
R238	1-242-704-11	20 k
R239	1-242-713-11	47 k
R240	1-244-681-11	2.2 k
R241	1-242-661-11	330
R242	1-244-701-11	15 k
R243	1-244-661-11	330
R244	1-242-656-11	200
R245	1-244-659-11	270
R246	1-242-666-11	510
R247	1-242-639-11	39
R248	1-242-649-11	100
R249	1-242-653-11	150
R250	1-242-661-11	330
R251	1-242-691-11	5.6 k
R252	1-242-691-11	5.6 k
R253	1-242-715-11	56 k
R254	1-242-673-11	1 k
R255	1-242-671-11	820
R256	1-242-721-11	100 k
R257	1-242-693-11	6.8 k
R258	1-244-680-11	2 k
R259	1-242-637-11	33
R260	1-244-680-11	2 k
R261	1-244-670-11	750
R262	1-242-661-11	330
R263	1-242-637-11	33
R264	1-242-653-11	150
R265	1-242-649-11	100
R266	1-244-663-11	390
R267	1-242-671-11	820
R268	1-242-673-11	1 k
R269	1-244-801-11	1
R270	1-244-657-11	220
R271	1-244-691-11	5.6 k
R272	1-242-625-11	10
R273	1-242-685-11	3.3 k
R274	1-242-667-11	560
R275	1-202-647-11	1.2 M ½ W composition
R276	1-242-673-11	1 k
R277	1-244-649-11	100
R278	1-244-697-11	10 k
R279	1-244-615-11	3.9
R280	1-244-713-11	47 k
VR1	1-224-071-00	resistor, variable, 50 k (D); VOLUME control
VR2	1-224-072-00	resistor, variable, 5 k (D); TONE control

MISCELLANEOUS

TEL ANT	1-501-129-00	antenna, telescopic
SP	1-502-407-11	speaker, 8 Ω
J1-J2	1-507-174-22	jack, 2-unit; record out and earphone

Ref. No.	Part No.	Description
S1	1-516-156-21	switch, toggle; POWER
S2	1-516-158-00	switch, leaf; LIGHT
S3	1-516-156-11	switch, toggle; SQUELCH
S4	1-516-158-00	switch, leaf; BATTERY
S5	1-516-156-11	switch, toggle; AFC
S6	1-514-453-21	switch, slide; PSB/FM band selector
S7	1-516-157-00	switch, rotary-slide; band selector

Ref. No.	Part No.	Description
PL1	1-518-095-00	lamp, dial
PL2	1-518-095-00	lamp, dial
ME	1-520-135-00	TUNING METER
F1	1-532-261-11	fuse, 0.3 A
	1-534-558-11	Ac cord, with plugs (USA)
	1-534-558-21	Ac cord, with plugs (Canada)

— Hardware Nomenclature —

P – Pan Head Screw

PS – Pan Head Screw with Spring Washer

K – Flat Countersunk Head Screw

B – Binding Head Screw

RK – Oval Countersunk Head Screw

T – Truss Head Screw

R – Round Head Screw

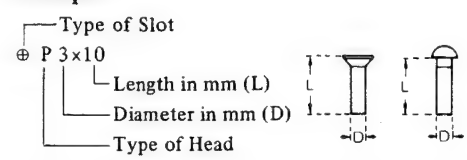
F – Flat Fillister Head Screw

SC – Set Screw

E – Retaining Ring (E Washer)

W – Washer
SW – Spring Washer
LW – Lock Washer
N – Nut

– Example –



SONY CORPORATION

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2L0510-1

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SONY®

NEW

Complete Spare Parts List

Model TFM-8000W

U. S. A. MODEL

"IMPORTANT"

When ordering parts, please do not fail to furnish us the following:

1. Part Number
2. Model Name
3. Description as mentioned in this parts list

We are now using EDPS (Electronic Data Processing System) in all the departments concerned, for procurement, inventory control, packing, warehousing, etc. Your orders are processed mainly from the PART NUMBERS referred by you. Incorrect part numbers, therefore, will result in incorrect parts shipment. To assure prompt shipment of correct parts, your cooperation will be appreciated.

NOTE:

Prices are subject to change without notice.

SONY CORPORATION

COMPLETE SPARE PARTS LIST FOR TFM-8000W

(USA Model)

JULY, 1972

Part No.	Description	Unit Price
	A. MECHANICAL PARTS	
X-38460-01-0	Mounting Plate Ass'y, telescopic antenna	$0.05
X-38460-02-0	Terminal Ass'y, AM EXT ANT	0.12
X-38460-81-0	Cabinet Ass'y, front; including	4.38
1-518-095-00	Lamp, dial	0.08
3-846-011-00	Transparent Cover, dial	0.25
3-846-023-00	Emblem, "SONY AC/BATTERY"	0.05
3-846-024-00	Cushion, grille	0.15
3-846-038-00	Ornamental Plate, front grille	0.40
3-846-039-00	Panel, control	0.10
3-846-040-00	Plate, band indicator	0.04
X-38460-82-0	Battery Lid Ass'y; including	0.67
X-38460-03-0	Time Table Ass'y	0.24
3-846-025-00	Cushion, battery lid	0.03
X-38460-83-0	Dial Pointer Ass'y	0.15
X-38460-84-0	Dial Scale Ass'y; including	0.35
3-846-030-00	Guide, dial pointer	0.06
X-38460-85-0	Carrying Handle Ass'y; including	1.50
3-846-012-00	Handle, carrying; upper	0.11
3-846-013-00	Handle, carrying; lower	0.11
3-846-032-00	Reinforcement Plate, carrying handle	0.02
3-846-037-00	Side Plate, carrying handle	0.40
X-38460-86-0	Knob Ass'y, tuning	0.20
X-38460-87-0	Cabinet Ass'y, rear; including	3.80
X-38460-85-0	Carrying Handle Ass'y	1.50
3-827-209-00	Contact Plate, battery positive	0.02
3-832-767-00	Contact Spring, battery negative	0.03
3-846-027-00	Cushion	0.02
3-846-042-00	Label, CAUTION	0.02
3-427-542-00	Stopper	0.02
3-701-413-01	Screw, self-tapping; P 3 x 45	0.02
3-820-617-00	Bushing, rubber	0.02
3-826-136-00	Fly Wheel	0.28
3-827-017-00	Pulley	0.01
3-827-157-00	Holder, AM ferrite bar antenna	0.01
3-823-351-00	Spacer	0.01

Part No.	Description	Unit Price
3-829-738-00	Bearing, tuning shaft	$0.02
3-832-737-00	Collar, flange	0.02
3-836-534-00	Dust Cover, toggle switch	0.01
3-837-172-00	Spring, dial drum	0.02
3-837-244-00	Stand, power transformer	0.02
3-838-329-00	Spring, BATTERY button and LIGHT button	0.01
3-840-975-00	Holder, speaker	0.02
3-846-008-00	Chassis	0.56
3-846-014-00	Drum, dial	0.05
3-846-016-00	Knob, band selector	0.11
3-846-017-00	Knob; VOLUME, TONE and FINE TUNING controls	0.09
3-846-018-01	Button, LIGHT	0.02
3-846-018-11	Button, BATTERY	0.02
3-846-020-00	Lever, selector A	0.02
3-846-021-00	Lever, selector B	0.02
3-846-022-00	Shaft, band selector	0.04
3-846-026-00	Cushion, TUNING METER	0.02
3-846-028-00	Holder, power transformer	0.03
3-846-029-00	Holder, AFC and SQUELCH switches	0.03
3-846-033-00	Holder, POWER switch	0.03
3-846-034-00	Spring, selector A lever	0.02
3-846-035-00	Plate, shield	0.05
3-846-036-00	Shaft, tuning	0.10
3-846-047-00	Plate, shield	0.02
3-846-048-00	Insulator	0.01
3-846-049-00	Lead Pin	0.01
3-846-050-00	Insulating Plate, power transformer	0.02
3-846-051-00	Cushion, band selector knob	0.01
3-846-052-00	Cushion	0.01
3-846-053-00	Cushion, tuning capacitor	0.02
3-846-054-00	Cushion, dial drum	0.01

Part No.	Description	Unit Price
	B. SCREWS, NUTS, WASHERS AND MISCELLANEOUS	
7-621-259-25	Screw, machine; P 2.6 x 4	$0.09/100
7-623-107-22	Washer, plain; 3 mm dia	0.10/100
7-623-610-00	Eyelet; 1.5 mm dia, 2.5 mm long	0.06/100
7-624-108-05	Retaining Ring; E-4	0.44/100
7-625-104-70	Rivet; 1.4 mm dia, 7 mm long	0.15/100
7-633-120-52	Cord, dial; 0.25 mm dia	0.02/m
7-682-548-01	Screw, machine; B 3 x 8	0.10/100
7-682-961-01	Screw, machine; PSW 4 x 8	0.73/100
7-683-240-31	Screw, set; 3 x 6	1.72/100
7-685-134-01	Screw, self-tapping; P 2.6 x 8	0.28/100
7-685-145-01	Screw, self-tapping; P 3 x 6	0.23/100
7-685-145-06	Screw, self-tapping; P 3 x 6	0.23/100
7-685-146-01	Screw, self-tapping; P 3 x 8	0.23/100
7-685-147-01	Screw, self-tapping; P 3 x 10	0.23/100
7-685-148-01	Screw, self-tapping; P 3 x 12	0.25/100
7-685-151-01	Screw, self-tapping; P 3 x 20	0.37/100
7-682-159-01	Screw, machine; P 4 x 5	1.73/100
7-685-151-06	Screw, self-tapping; P 3 x 20	0.37/100
	C. ELECTRICAL PARTS	
	Mounted Circuit Boards	
X-38460-23-0	Mounted Circuit Board, PSB/FM front end	4.90
X-38460-61-0	Mounted Circuit Board, main circuit	15.10
X-38460-62-0	Mounted Circuit Board, AFC and SQUELCH switches	0.65
X-38460-63-0	Mounted Circuit Board, POWER switch	0.36

Ref. No.	Part No.	Description		Unit Price
		Semiconductors		
Q101		Transistor	2SK23A	$0.43
Q102		Transistor	2SC710	0.12
Q103		Transistor	2SC668	0.16
Q201		Transistor	2SC710	0.12
Q202		Transistor	2SC710	0.12
Q203		Transistor	2SC710	0.12
Q204		Transistor	2SC710	0.12
Q205		Transistor	2SC710	0.12
Q206		Transistor	2SC710	0.12
Q207		Transistor	2SC710	0.12
Q208		Transistor	2SC633A	0.14
Q209		Transistor	2SC633A	0.14
Q210		Transistor	2SC1209	0.20
Q211		Transistor	2SC1209	0.20
Q212		Transistor	2SC678	0.18
Q213		Transistor	2SB136	0.12
Q214		Transistor	2SA678	0.18
D101		Diode	2SC710	0.12
D201		Diode	1T261	0.05
D202		Diode	1T261	0.05
D203		Diode	1T261	0.05
D204		Diode	1T23	0.05
D205		Diode	1S1555	0.07
D206		Diode	1T23	0.05
D207		-	-	-
D208		Diode	1S1209	0.08
D209		Diode	10D2	0.11
D210		Diode	10D2	0.11
D211		Diode	2SB383	0.19
Th201	1-800-192-11	Thermistor	CS-120	0.04
		Coils and Transformers		
L101	1-401-522-00	Coil, FM ant		0.07
L102	1-420-813-00	Coil, PSB ant		0.02
L103	1-407-182-11	2.2 μH, micro inductor		0.05
L104	1-401-522-00	Coil, FM rf		0.07

Ref. No.	Part No.	Description	Unit Price
L105	1-420-813-00	Coil, PSB rf	$0.02
L106	1-401-454-00	Coil, i-f trap	0.04
L107	1-405-563-00	Coil, PSB osc	0.07
L108	1-405-562-00	Coil, FM osc	0.07
L109	1-407-182-11	2.2 µH, micro inductor	0.05
L110	1-407-182-11	2.2 µH, micro inductor	0.05
L201	1-407-163-11	33 µH, micro inductor	0.03
L202	1-401-201-00	Coil, low pass filter	0.03
L203	1-407-175-11	330 µH, micro inductor	0.03
L204	1-401-524-00	Coil, SW3 ant	0.11
L205	1-401-523-00	Coil, SW2 ant	0.11
L206	1-401-525-00	Coil, SW1 ant	0.11
L207	1-401-521-00	Coil, MW ferrite bar antenna	0.22
L208	1-405-561-00	Coil, SW3 osc	0.11
L209	1-405-560-00	Coil, SW2 osc	0.11
L210	1-405-559-00	Coil, SW1 osc	0.11
L211	1-405-558-00	Coil, MW osc	0.11
L212	1-407-184-11	3.3 µH, micro inductor	0.05
L213	1-407-169-11	100 µH, micro inductor	0.03
CFT	1-403-165-15	Ceramic Filter Transformer, AM i-f	0.30
CF201	1-527-184-00	Ceramic Filter, FM i-f	0.12
CF202	1-527-184-00	Ceramic Filter, FM i-f	0.12
CF203	1-403-154-00	Ceramic Filter	0.10
IFT A201	1-403-137-00	Transformer, MW i-f	0.11
IFT F101	1-403-242-31	Transformer, FM i-f	0.14
IFT F201	1-403-287-11	Transformer, FM discriminator	0.13
IFT F202	1-403-287-21	Transformer, FM discriminator	0.13
T1	1-423-077-00	Transformer, driver	0.19
T2	1-427-306-00	Transformer, output	0.25
T3	1-441-954-00	Transformer, power	0.82

Capacitors

All fixed capacitors are ceramic type expressed in µF except as specified with p, which means µµF.

C101	1-102-940-11	3 p	0.02
C102	-	-	-
C103	1-102-939-11	2 p	0.02
C104	1-102-940-11	3 p	0.02

Ref. No.	Part No.	Description	Unit Price
C105	1-102-100-11	0.0022 ----------	$0.02
C106	1-102-942-11	5 p ----------	0.02
C107	1-101-939-11	2 p ----------	0.02
C108	1-102-938-11	1 p ----------	0.02
C109	1-101-938-11	1 p ----------	0.02
C110	1-102-832-11	330 p ----------	0.02
C111	-	-	-
C112	1-101-923-11	0.01 ----------	0.02
C113	1-101-923-11	0.01 ----------	0.02
C114	1-102-743-11	3 p ----------	0.02
C115	1-101-999-11	10 p ----------	0.02
C116	1-102-100-11	0.0022 ----------	0.02
C117	1-102-801-11	20 p ----------	0.02
C118	1-102-947-11	10 p ----------	0.02
C119	1-101-999-11	10 p ----------	0.02
C120	1-127-019-11	0.1 10 V solid aluminum ----------	0.06
C121	1-102-942-11	5 p ----------	0.02
C122	1-101-923-11	0.01 ----------	0.02
C123	1-101-923-11	0.01 ----------	0.02
C201	1-101-923-11	0.01 ----------	0.02
C202	1-102-947-11	10 p ----------	0.02
C203	1-101-118-11	0.01 ----------	0.02
C204	-	-	-
C205	1-101-923-11	0.01 ----------	0.02
C206	-	-	-
C207	1-101-923-11	0.01 ----------	0.02
C208	1-102-117-11	820 p ----------	0.02
C209	1-121-413-11	100 6.3 V electrolytic ----------	0.05
C210	1-101-923-11	0.01 ----------	0.02
C211	1-101-923-11	0.01 ----------	0.02
C212	1-127-019-11	0.1 10 V solid aluminum ----------	0.06
C213	1-101-923-11	0.01 ----------	0.02
C214	1-102-935-11	2 p ----------	0.02
C215	1-127-021-11	0.33 10 V solid aluminum ----------	0.06
C216	1-121-392-11	3.3 25 V electrolytic ----------	0.04
C217	1-101-924-11	0.022 ----------	0.02
C218	1-121-413-11	100 6.3 V electrolytic ----------	0.05
C219	1-101-923-11	0.01 ----------	0.02
C220	-	-	-
C221	-	-	-
C222	1-105-827-12	0.0033 mylar ----------	0.02
C223	1-121-413-11	100 6.3 V electrolytic ----------	0.05

Ref. No.	Part No.	Description			Unit Price
C224	1-105-833-12	0.01		mylar	$0.02
C225	1-105-839-12	0.033		mylar	0.03
C226	-		-		-
C227	-		-		-
C228	-		-		-
C229	1-105-827-12	0.0033		mylar	0.02
C230	1-121-651-11	10	16 V	electrolytic	0.04
C231	1-121-391-11	1	50 V	electrolytic	0.03
C232	1-105-837-12	0.022		mylar	0.02
C233	1-101-923-11	0.01			0.02
C234	1-101-886-11	62 p			0.02
C235	1-102-965-11	39 p			0.02
C236	1-102-951-11	15 p			0.02
C237	1-102-947-11	10 p			0.02
C238	1-102-958-11	20 p			0.02
C239	-		-		-
C240	1-102-729-11	51 p			0.02
C241	1-103-636-11	3,000 p		polystyrene	0.04
C242	1-102-802-11	24 p			0.02
C243	1-103-631-11	1,800 p		polystyrene	0.04
C244	1-102-802-11	24 p			0.02
C245	1-107-232-11	390 p		silvered mica	0.02
C246	1-101-997-11	5 p			0.02
C247	1-102-951-11	15 p			0.02
C248	1-102-958-11	20 p			0.02
C249	-		-		-
C250	-		-		-
C251	-		-		-
C252	1-102-941-11	4 p			0.02
C253	-		-		-
C254	1-121-391-11	1	50 V	electrolytic	0.03
C255	1-105-841-12	0.047		mylar	0.03
C256	1-127-019-11	0.1	10 V	solid aluminum	0.06
C257	-		-		-
C258	-		-		-
C259	1-127-021-11	0.33	10 V	solid aluminum	0.06
C260	1-121-419-11	220	6.3 V	electrolytic	0.06
C261	1-121-413-11	100	6.3 V	electrolytic	0.05
C262	1-121-736-11	1,000	10 V	electrolytic	0.12
C263	1-105-839-12	0.033		mylar	0.03
C264	1-121-726-11	0.47	50 V	electrolytic	0.03
C265	1-121-419-11	220	6.3 V	electrolytic	0.06

Ref. No.	Part No.	Description	Unit Price
C266	1-121-659-11	2,200 10 V electrolytic	$0.15
C267	1-105-833-12	0.01 mylar	0.02
C268	1-105-833-12	0.01 mylar	0.02
C269	1-101-924-11	0.022	0.02
C270	-	-	-
C271	1-121-413-11	100 6.3 V electrolytic	0.05
C272	1-102-801-11	20 p	0.02
C273	1-102-975-11	100 p	0.02
C274	1-101-923-11	0.01	0.02
C275	1-107-136-11	160 p silvered mica	0.02
C276	1-127-018-11	0.047 10 V solid aluminum	0.06
CT101	1-141-097-21	Capacitor, trimmer	0.05
CT102	1-141-097-21	Capacitor, trimmer	0.05
CT103	1-141-097-21	Capacitor, trimmer	0.05
CT104	1-141-097-21	Capacitor, trimmer	0.05
CT105	1-141-097-21	Capacitor, trimmer	0.05
CT106	1-141-097-21	Capacitor, trimmer	0.05
CT201-CT202	1-141-011-21	Capacitor, trimmer; 2-unit	0.07
CT203-CT204	1-141-011-21	Capacitor, trimmer; 2-unit	0.07
CT205-CT206	1-141-011-21	Capacitor, trimmer; 2-unit	0.07
CT207-CT208	1-141-011-21	Capacitor, trimmer; 2-unit	0.07
(CV101-CV103 CV202-CV203	1-151-257-00	Capacitor, tuning	1.27
CV201	1-151-258-00	Capacitor, FINE TUNING	0.21

Resistors

All fixed resistors are in Ω, ±5 %, 1/4 W carbon film type unless otherwise specified.

R101	1-242-721-11	100 k	0.02
R102	1-242-673-11	1 k	0.02
R103	1-242-721-11	100 k	0.02
R104	1-244-671-11	820	0.02
R105	1-242-721-11	100 k	0.02
R106	1-244-673-11	1 k	0.02
R201	1-242-673-11	1 k	0.02
R202	1-242-673-11	1 k	0.02

Ref. No.	Part No.	Description	Unit Price
R203	1-244-705-11	22 k	$0.02
R204	1-242-667-11	560	0.02
R205	1-244-665-11	470	0.02
R206	1-242-673-11	1 k	0.02
R207	1-244-721-11	100 k	0.02
R208	1-242-673-11	1 k	0.02
R209	1-242-665-11	470	0.02
R210	1-242-673-11	1 k	0.02
R211	1-244-697-11	10 k	0.02
R212	-	-	-
R213	1-242-661-11	330	0.02
R214	1-242-680-11	2 k	0.02
R215	1-244-709-11	33 k	0.02
R216	1-242-697-11	10 k	0.02
R217	1-242-725-11	150 k	0.02
R218	1-244-673-11	1 k	0.02
R219	1-242-677-11	1.5 k	0.02
R220	1-242-649-11	100	0.02
R221	1-242-721-11	100 k	0.02
R222	1-244-665-11	470	0.02
R223	1-242-649-11	100	0.02
R224	1-244-673-11	1 k	0.02
R225	1-242-721-11	100 k	0.02
R226	1-242-673-11	1 k	0.02
R227	1-242-673-11	1 k	0.02
R228	1-244-691-11	5.6 k	0.02
R229	1-242-681-11	2.2 k	0.02
R230	1-244-689-11	4.7 k	0.02
R231	1-242-697-11	10 k	0.02
R232	1-242-694-11	7.5 k	0.02
R233	1-244-685-11	3.3 k	0.02
R234	1-242-679-11	1.8 k	0.02
R235	1-242-685-11	3.3 k	0.02
R236	1-242-673-11	1 k	0.02
R237	1-242-685-11	3.3 k	0.02
R238	1-242-704-11	20 k	0.02
R239	1-242-713-11	47 k	0.02
R240	1-244-681-11	2.2 k	0.02
R241	1-242-661-11	330	0.02
R242	1-244-701-11	15 k	0.02
R243	1-244-661-11	330	0.02
R244	1-242-656-11	200	0.02
R245	1-244-659-11	270	0.02

Ref. No.	Part No.	Description	Unit Price
R246	1-242-666-11	510	$0.02
R247	1-242-639-11	39	0.02
R248	1-242-649-11	100	0.02
R249	1-242-653-11	150	0.02
R250	1-242-661-11	330	0.02
R251	1-242-691-11	5.6 k	0.02
R252	1-242-691-11	5.6 k	0.02
R253	1-242-715-11	56 k	0.02
R254	1-242-673-11	1 k	0.02
R255	1-242-671-11	820	0.02
R256	1-242-721-11	100 k	0.02
R257	1-242-693-11	6.8 k	0.02
R258	1-244-680-11	2 k	0.02
R259	1-242-637-11	33	0.02
R260	1-244-680-11	2 k	0.02
R261	1-244-670-11	750	0.02
R262	1-242-661-11	330	0.02
R263	1-242-637-11	33	0.02
R264	1-242-661-11	330	0.02
R265	1-242-649-11	100	0.02
R266	1-244-663-11	390	0.02
R267	1-242-671-11	820	0.02
R268	1-242-673-11	1 k	0.02
R269	1-244-801-11	1	0.02
R270	1-244-657-11	220	0.02
R271	1-244-691-11	5.6 k	0.02
R272	1-242-625-11	10	0.02
R273	1-242-685-11	3.3 k	0.02
R274	1-242-667-11	560	0.02
R275	1-202-647-11	1.2 M 1/2 W composition	0.02
R276	1-242-673-11	1 k	0.02
R277	1-244-649-11	100	0.02
R278	1-244-697-11	10 k	0.02
R279	1-244-615-11	3.9	0.02
R280	1-244-713-11	47 k	0.02
VR1	1-224-071-00	Resistor, variable, 50 k (D); VOLUME control	0.14
VR2	1-224-072-00	Resistor, variable, 5 k (D); TONE control	0.14

Ref. No.	Part No.	Description	Unit Price
		Miscellaneous	
TEL ANT	1-501-129-00	Antenna, telescopic	$0.89
SP	1-502-407-11	Speaker, 8 Ω	0.76
J1-J2	1-507-174-22	Jack, 2-unit; record out and earphone	0.10
S1	1-516-156-21	Switch, toggle; POWER	0.17
S2	1-516-158-00	Switch, leaf; LIGHT	0.10
S3	1-516-156-11	Switch, toggle; SQUELCH	0.17
S4	1-516-158-00	Switch, leaf; BATTERY	0.10
S5	1-516-156-11	Switch, toggle; AFC	0.17
S6	1-514-453-21	Switch, slide; PSB/FM band selector	0.24
S7	1-516-157-00	Switch, rotary-slide; band selector	0.88
PL1	1-518-095-00	Lamp, dial	0.08
PL2	1-518-095-00	Lamp, dial	0.08
ME	1-520-135-00	TUNING METER	1.00
F1	1-532-301-00	Fuse, 0.16 A	0.61
	1-534-558-11	Ac Cord, with plugs	0.39
	1-582-018-11	Printed Circuit Board, PSB/FM front end	0.14
	1-582-021-11	Printed Circuit Board, main circuit	0.72
		D. ATTACHED ITEMS	
	X-38402-03-0	Switch Guide Ass'y	0.24
	1-504-034-22	Earphone, ME-20A	0.21
	1-528-001-11	Battery, size "D"	
	3-701-261-00	Bag, polyethylene	0.04
	3-846-043-00	Cushion, top	0.16
	3-846-044-00	Cushion, bottom	0.16
	3-846-045-00	Carton, individual	0.29
	3-993-076-00	Tag, eye catcher	0.02
	3-994-390-00	Card, warranty	0.01
	3-995-652-21	Manual, instruction	0.24
	3-998-901-00	Label, serial number	0.01
	4-490-014-00	List, service station	0.03